



Installation Restoration Program Proposed Plan Fact Sheet

NEBO SOUTH GROUNDWATER - OPERABLE UNIT 2, MARINE CORPS LOGISTICS BASE BARSTOW



NAVFAC Southwest

Barstow, California

June 2006

Invitation to Comment on the Proposed Plan and Attend Open House Meeting

The Department of the Navy (DON), United States Environmental Protection Agency (EPA), and California Environmental Protection Agency (Cal/EPA) want to hear your views about the plans for groundwater cleanup at the Nebo Main Base (Nebo) South portion at the Marine Corps Logistics Base (MCLB) at Barstow. We invite you to comment on our Proposed Plan for this environmental cleanup action. We have carefully studied the site and have implemented interim cleanup actions. Based on the observed success of these interim cleanup action plans, we propose to implement these plans as the final cleanup action to protect your health and the environment. These proposed plans include:

- Operate a soil vapor extraction (SVE) system to clean up the soil. This cleanup method involves installing extraction wells in the soil and removing contaminants from the soil by applying vacuum. By removing the contaminants from the soil, this system reduces further groundwater contamination resulting from rainwater percolation.
- Implement an air sparging (AS) system along with the SVE. Air is injected through air sparge wells into the groundwater to transfer the contaminants into vapor. These contaminant vapors are removed by applying vacuum using the SVE system.

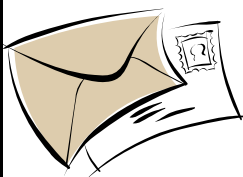
Results from our interim cleanup actions indicate that the combination of SVE and AS is capable of successfully cleaning up the soil and groundwater at Nebo South. We propose that the SVE and AS systems operate together continuously for a period of approximately 5 years. The cost of operating the systems is estimated to be \$670,000.

Please tell us what you think about this environmental cleanup. There are two ways you can do this:

- Attend the open house meeting on June 28, 2006, at 7 p.m. at the Ramada Inn conference room, downtown Barstow. You'll have a chance to share your thoughts with us in person.
- Provide written comments on the Proposed Plan by US mail or e-mail until July 21, 2006, to the MCLB Barstow Installation Restoration Program Manager.

At the end of the comment period, the DON, EPA and Cal/EPA will review your feedback and make a final decision about the groundwater cleanup action. Your comments on this cleanup action are important to us and play an important role in the decision-making process. So please share your questions, comments, and thoughts with us.

Tell Us What You Think



Submit Written Comments

Public Comment Period:

June 21, 2006 – July 21, 2006

DON will accept written comments on the Proposed Plan during the public comment period. You may submit your comments to:

Commanding Officer
Marine Corps Logistics Base
Attention: Ms. Carmela Gonzalez,
Environmental Division
P.O. Box 110170
Barstow, CA 92311-5050
Telephone: (760) 577-6744 / Fax: (760) 577-6256
e-mail: carmela.gonzalez@usmc.mil

Attend the Open House Meeting



Open House Meeting:

You are invited to a meeting sponsored by DON to hear about the Proposed Plan for cleaning up the groundwater at Nebo South (MCLB Barstow) site. At the meeting, you will be able to state your views about the cleanup.

The meeting will be held:

June 28, 2006
7:00 p.m. – 9:00 p.m.
at
Ramada Inn
1511 E. Main Street, Barstow, CA
(760) 256-5673



Locations of Administrative Record

Marine Corps Logistics Base
Installation and Logistics Department
Environmental Division
Warehouse 3
Barstow, CA 92311-5013
(760) 577-6744

Commanding Officer
Naval Facilities Engineering Command,
Southwest
Attn: CERCLA Administrative Department
1220 Pacific Highway
San Diego, CA 92132

WHY CLEANUP ACTION IS NEEDED

Our studies and investigations have indicated that, due to past waste disposal practices, contaminants have migrated to and are present in the Nebo South groundwater. The groundwater is over 60 feet below the surface. Studies have concluded that there is no exposure to humans, plants or wildlife from untreated groundwater at the site. Cleaning the source area helps stop the contribution of chemicals to the groundwater aquifer that is ultimately used as a drinking water source. To provide more protection while the cleanup action is underway, DON provided a separate water supply system to an off-Base residence.

CLEANUP GOALS

- To reduce concentrations of contaminants in groundwater to the respective federal and state water quality levels.
- To reduce or eliminate further contamination of groundwater by addressing the soil cleanup. The goal is to remove contaminants in the soils to the degree necessary to prevent further migration to the groundwater. This will minimize the cleanup time of the groundwater.

YOUR COMMENTS

We looked at a number of ways to meet the cleanup goals. Our studies are described in detail in the Administrative Record file. DON, EPA, and Cal/EPA believe that the Preferred Alternative identified on the previous page will protect your health and the environment and can be done without major nuisance to your community. However, before making a final decision, we want to hear what you think. We encourage you to find out more about the Proposed Plan and make your concerns known. The cleanup plan that is finally chosen will be documented in a Record of Decision (ROD). This ROD will include a summary of the comments received, along with how those comments are addressed in the final decision.

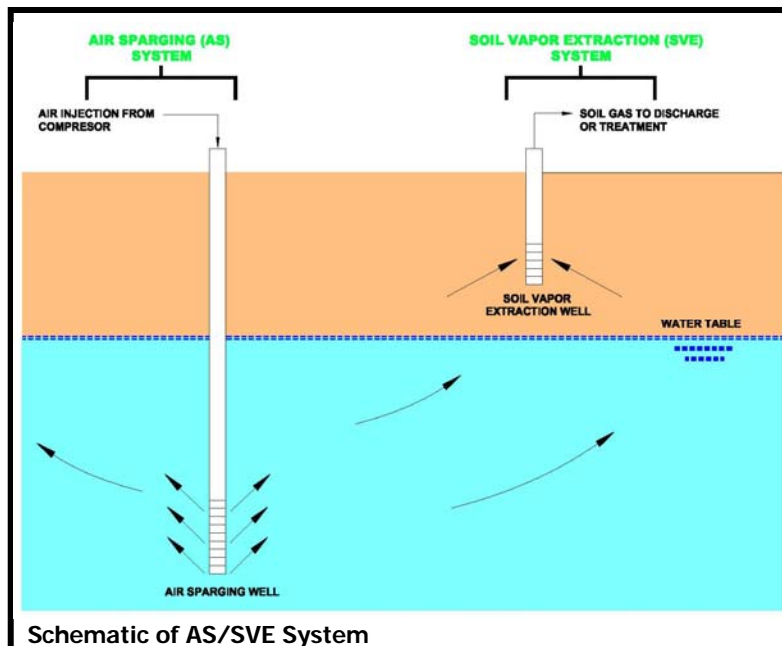
FOR MORE INFORMATION...

You can see a copy of the Proposed Plan, which describes the cleanup alternatives we studied, and also get more information about the site by visiting the Administrative Record file, which can be found at:

Marine Corps Logistics Base Barstow
Installation and Logistics Department
Environmental Division
Warehouse 3
Barstow, CA 92311-5013

(760) 577-6744

You can also see a copy of the Proposed Plan at San Bernardino County Library located at 3004 East Buena Vista, Barstow, CA, phone (760) 256-4850. Finally, you can ask for a copy of the Proposed Plan to be sent to you by calling (760) 577-6744.



USE THIS SPACE TO WRITE YOUR COMMENTS

Your input on the Proposed Plan for the MCLB Barstow Nebo South groundwater is important to DON, EPA, and Cal/EPA. Comments provided by the public are valuable in helping DON, EPA, and Cal/EPA select final cleanup remedies for the contaminated groundwater sites.

You may use the space below to write your comments, then fold, staple, and mail. Comments must be postmarked between June 21, 2006, to July 21, 2006. If you have any questions regarding the comment period, please contact Ms. Carmela Gonzalez, MCLB Barstow Installation Restoration Program Manager, at (760) 577-6744. Those with electronic communication capabilities may submit their comments to the Navy via the Internet at the following e-mail address: carmela.gonzalez@usmc.mil.

Name _____

Address _____

City _____

State _____ **Zip** _____

Fold along dotted line

Commanding Officer
Marine Corps Logistics Base
Attention: Ms. Carmela Gonzalez, Environmental Division
P.O Box 110170
Barstow, CA 92311-5050

Commanding Officer
Marine Corps Logistics Base
Attention: Ms. Carmela Gonzalez, Environmental Division
P.O Box 110170
Barstow, CA 92311-5050

INSIDE:

Proposed Plan Fact Sheet
for MCLB Barstow Nebo
South Groundwater (OU 2)